

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph that begins on page 6, line 11 with the following paragraph:

After a ~~deliberator~~ defibrillator is implanted, it is programmed and tested to ensure the system will effectively correct the patient's arrhythmia. When a ~~deliberator~~ defibrillator is implanted into a patient, the medical personal attempt to determine the sufficient shock level (i.e., "sufficient energy level") to effectively correct the patient's arrhythmia (i.e., rescue the patient). This sufficient shock level is also called the defibrillation shock energy (DFSE).

Please replace the paragraph that begins on page 9, line 5, with the following paragraph:

Described herein is a technology for automatically adjusting the magnitude of a defibrillation shock of an implantable cardiac therapy devices ~~(ICTDs)~~ device (ICTD) to an improved magnitude. ~~[[.]]~~ With the technology described herein, an ICTD (such as a defibrillator) automatically determines an improved defibrillation shock energy (DFSE) and automatically adjusts the DFSE so that it delivers a rescuing shock at that level. The defibrillator automatically adjusts the DFSE to an improved level based upon historical and present factors.

Please replace the paragraph that begins on page 27, line 8, with the following paragraph:

Similarly, the time since last shock 404 may also influence the DFSE adjustment. Generally, it is thought that there is a U-shaped correlation in that AF that has suddenly reoccurred after a long absence and also AF that has immediately returned after a recent shock (or was not converted by that shock) will require an increase in energy while events between these two ~~extmes~~ extremes will typically require relatively less ~~[[energy..]]~~ energy.